

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Mark D. Frank, et al.

Confirmation No.: n/a

Application No.: n/a

Examiner: n/a

Filing Date: Jan. 9, 2004

Group Art Unit: 5,349

Title: Synthesizing Signal Net Information from Multiple Integrated Circuit Package Models

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
 - () Statement under 37 CFR 1.97(e), or
 - () a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
 - () Statement under 37 CFR 1.97(e)(1) or (2), and
 - () a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

(X) A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EV315702839US**

Date of Deposit Jan. 9, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By

Typed Name: Amy Comeau

Respectfully submitted,

Mark D. Frank, et al.

By

Robert Plotkin, Esq.

Attorney/Agent for Applicant(s)

Reg. No. **43,861**

Date: Jan. 9, 2004

PATENT APPLICATION

Sheet 1 of 4

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 100111179-3	APPLICATION NO.	CONFIRMATION NO. n/a
APPLICANT Mark D. Frank, et al.			
FILING DATE Jan. 9, 2004		GROUP 5,349	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	1A	2003/0110462	Jun.12, 2003	Cohn et al.	
	1B	2002/0004931	Jan.10, 2002	Stralen	
	1C	6,336,206 B1	Jan.1, 2002	Lockyear	
	1D	2001/0052107	Dec.13, 2001	Anderson et al.	
	1E	6,327,692B1	Dec.4, 2001	Brown	
	1F	6,324,675 B1	Nov.27, 2001	Dutta et al.	
	1G	6,311,318 B1	Oct. 30, 2001	Souef et al.	
	1H	2001/0034873	Oct.25, 2001	Arsintescu	
	1I	6,308,299 B1	Oct.23, 2001	Burch et al.	
	1J	2001/0032331	Oct. 18, 2001	LaBerge	
	1K	6,301,693 B1	Oct.9 2001	Naylor et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L	WO 98/53413	Nov. 26,1998	Symbios, Inc.		
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	1Q	"Alternate Verilog FAQ", Version 9.13, http://www.angelfire.com/in/verilogfaq/index.html (June 2001)
	1R	"Advanced Package Designer", Cadence Design Systems, Inc. (2000)
	1S	"Advanced Package Engineer", Cadence Design Systems, Inc. (2000)

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 2 of 4

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 1001.11179-3	APPLICATION NO.	CONFIRMATION NO. n/a
APPLICANT Mark D. Frank, et al.			
FILING DATE Jan. 9, 2004		GROUP 5,349	

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	2A	6,301,578 B1	Oct.9, 2001	Harris	
	2B	6,289,491 B1	Sep. 11, 2001	Dupenloup	
	2C	6,282,693 B1	Aug.28, 2001	Naylor et al.	
	2D	2001/0016933	Aug.23, 2001	Chang et al.	
	2E	2001/0010090	Jul.26, 2001	Boyle et al.	
	2F	6,263,483 B1	Jul.17, 2001	Dupenloup	
	2G	2001/0005898	Jun.28, 2001	Yamamoto et al.	
	2H	6,253,361 B1	Jun.26, 2001	Buch	
	2I	6,247,163 B1	Jun.12, 2001	Burch et al.	
	2J	6,233,724 B1	May 15, 2001	LaBerge	
	2K	6,212,666 B1	Apr. 3, 2001	Gohl et al.	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	"What's New in IC Packaging", Cadence Design Systems, Inc. (2000)
	2R	"Cadence PCB Design" Brochure, Cadence Design Systems, Inc. (2002)
	2S	"Pacific Numerix Joint Solution with Cadence", Cadence Design Systems, Inc. (1998)

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 3 of 4

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO. 100111179-3	APPLICATION NO.	CONFIRMATION NO.
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REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	3A	6,189,131 B1	Feb.13, 2001	Graef et al.	
	3B	6,182,258 B1	Jan.30,2001	Hollander	
	3C	6,093,214	Jul.25,2000	Dillon	
	3D	5,956,257	Sep.21, 1999	Ginetti et al.	
	3E	5,896,300	Apr.20, 1999	Raghavan et al.	
	3F	5,880,967	Mar.9, 1999	Jyu et al.	
	3G	5,825,658	Oct.20, 1998	Ginetti et al.	
	3H	5,726,902	Mar. 10, 1998	Mahmood et al.	
	3I	5,608,645	Mar. 4, 1997	Spyrou	
	3J	5,590,049	Dec.31, 1996	Arora	
	3K	5,559,718	Sep.24, 1996	Baisuck et al.	

FOREIGN PATENT DOCUMENTS

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	3L					
	3M					
	3N					
	3O					
	3P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	3Q	"BSDArchitect New Edition", Metor Graphics Corporation (2000)
	3R	
	3S	

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 4 of 4

<p>FORM PTO-1449</p> <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p> <p>(Use several sheets if necessary)</p>	<p>ATTY. DOCKET NO. 100111179-3</p>	<p>APPLICATION NO.</p>	<p>CONFIRMATION NO.</p>
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
	4A	5,510,998	Apr.23, 1996	Woodruff et al.	
	4B	5,426,591	Jun.20, 1995	Ginetti et al.	
	4C	5,396,435	Mar.7, 1995	Ginetti	
	4D	5,383,132	Jun.17, 1995	Shinohara et al.	
	4E	5,349,659	Sep.20, 1994	Do et al.	
	4F				
	4G				
	4H				
	4I				
	4J				
	4K				

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	4L					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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